

Claims

1. A lighting unit comprising:
 - a housing having a rectangular bottom wall, wherein a locking projection that projects from said bottom wall is formed respectively at a pair of facing side edges of the housing;
 - a reflection sheet that has locking portions that lock with said locking projections;
 - a light guide plate that is laminated over said reflection sheet and has locking portions that lock with said locking projections; and
 - light sources deployed at both ends of said light guide plate;
 - and wherein said locking projections are formed on the center line that connects the center points of those of said light guide plate's edges on which no light source is deployed.
2. The lighting unit according to claim 1, wherein said locking projections are linear projections of a particular length that are parallel to the facing side edges.
3. The lighting unit according to claim 2, wherein one of said opposed linear projections is longer than the other.
4. The lighting unit according to any of claims 1 to 3, wherein the longitudinal center point of one of said opposed locking projections lies on said center line, while the other locking projection is formed with its longitudinal center point in a position removed from said center line.
5. A liquid crystal display comprising the lighting unit according to any of claims 1 to 4 and a liquid crystal panel that is located on the irradiating surface side of said lighting unit.